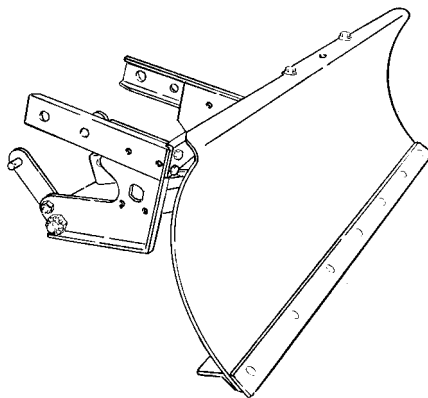




Operator's Manual

42" FRONT BLADE ATTACHMENT

For Cub Cadet Series 2000 Tractors
(Requires 190-307 Weight Bracket Kit)



INSTALLATION AND MAINTENANCE INSTRUCTIONS

Model Number
302

IMPORTANT:

READ SAFETY RULES AND INSTRUCTIONS CAREFULLY

CUB CADET LLC P.O. BOX 361131 CLEVELAND, OHIO 44136-0019 [www.cubcadet.com]


CONTENTS

Section		Page
	Safe Operation	2
	To The Owner	4
I	Introduction	5
II	Assembly	6
III	Installation	9
IV	Removal and Attachment.....	10
V	Adjustments and Operation	12
VI	Additional Accessory Requirements	14
	Warranty	16

IMPORTANT

SAFE OPERATION PRACTICES



THIS SYMBOL POINTS OUT IMPORTANT SAFETY INSTRUCTIONS WHICH, IF NOT FOLLOWED, COULD ENDANGER THE PERSONAL SAFETY AND/OR PROPERTY OF YOURSELF AND OTHERS. READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL BEFORE ATTEMPTING TO OPERATE YOUR UNIT. FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY. WHEN YOU SEE THIS SYMBOL—  **HEED ITS WARNING.**



WARNING

To reduce the potential for any injury, comply with the following safety instructions. Failure to comply with the instructions may result in personal injury.

I. GENERAL OPERATION

1. Read, understand and follow all instructions in this manual and on the machine before starting. Keep this manual in a safe place for future reference and for ordering replacement parts.
2. Only allow responsible adults familiar with the instructions to operate the machine. Know controls and how to stop the machine quickly.
3. Do not put hands or feet near moving parts.
4. Clear the area of objects such as rocks, toys and/or wire. A small object may have been overlooked and could be accidentally thrown in any direction and cause injury to you or a bystander. Always wear safety glasses or eye shields during operation or while performing and adjustment or repair, to protect eyes from foreign objects.
5. Never carry passengers.
6. To ensure the area is clear, always look down and behind before and while backing up.
7. Slow down before turning. Operate the machine smoothly. Avoid erratic operation and excessive speed.
8. Never leave a running machine unattended. Always disengage attachment, place transmission in neutral, set park brake, stop engine and remove key before dismounting.
9. Raise the blade when not in use.
10. Do not operate the machine while under the influence of alcohol or drugs.
11. Watch for traffic when operating near or crossing roadways.
12. Use extra care when loading or unloading the machine onto or off of a trailer or truck. The unit should not be driven under power up or down a ramp because the unit could tip over, causing serious personal injury. The unit must be pushed manually to load or unload properly.
13. Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts. Do not wear loose fitting clothes or jewelry. They can be caught in moving parts. Never operate a unit in bare feet, sandals, or sneakers.
14. Check overhead clearance carefully before driving under power lines, wires, bridges or low hanging tree branches, before entering or leaving

buildings, or in any other situation where the operator may be struck or pulled from the unit, which could result in serious injury.

15. Disengage power take-off, thoroughly depress the brake pedal, and shift into neutral before attempting to start engine.
16. Operate blade only in daylight or in good artificial light.
17. Make adjustments only when the blade is attached to the tractor.
18. Keep the blade in the lowest possible position when changing the angle, reversing or removing the blade. Be sure that your feet are not under the blade when the adjustments are made.
19. No person should be allowed near the working area when the blade is being operated.
20. Never operate the tractor at high speeds. A collision with a hidden obstacle may damage the blade cutting edge and unseat the driver.
21. Do not overload the machine capacity by attempting to clear snow at too fast a rate. Take the time to do the job in a safe manner.
22. Be careful to avoid catching the blade on stumps or other immovable objects.
23. Never tow another object with the blade or use the blade as a battering ram.
24. To ensure maximum side and ground clearance, do not transport the blade in the angled or tilted position.
25. Use extreme care when operating close to ditches, fences or on hillsides.

TRANSPORTING

26. Be sure that the blade is fully raised and is in the straight forward position when in transport.
27. When turning close to buildings or passing through narrow areas, be sure to allow sufficient clearance for the blade.
28. Avoid heavily-traveled roads when moving equipment, if at all possible.

AFTER OPERATING

29. Always wait for the tractor to come to a complete stop, lower blade to the ground, shut off the engine and set the parking brake before leaving tractor.

II. SLOPE OPERATION

Slopes are a major factor related to loss of control and tip-over accidents which can result in severe injury or death. **All** slopes require extra caution. If you cannot

back up the slope or if you feel uneasy on it, do not work on it.

DO:

1. Operate up and down slopes, not across.
2. Remove obstacles such as rocks, limbs, etc.
3. Watch for holes, ruts, bumps, and objects hidden under the soil (e.g. rocks). Uneven terrain could overturn the machine or cause it to slide.
4. Use slow speed. Choose a low enough gear so that you will not have to stop or shift while on the slope. Always keep tractor in gear when going down slopes to take advantage of engine braking action.
5. Use extra care with attachments. These can change the stability of the machine.
6. Keep all movement on the slopes **slow** and **gradual**. Do not make sudden changes in speed or direction. Rapid acceleration or braking could cause the front of the machine to lift, tip sideways or slide which could cause serious injury.
7. Avoid starting or stopping on a slope. If tires lose traction, raise the blade and proceed slowly straight down the slope.
8. For your safety, use the slope gauge included as part of the tractor manual to measure slopes before operating this unit on a sloped or hilly area. If the slope is greater than 15 degrees as shown on the slope gauge, do not operate this unit on that area or serious injury could result.

DO NOT:

1. **Do not** turn on slopes unless absolutely necessary. If necessary, turn slowly and gradually across and down slope, if possible.
2. **Do not** operate on excessively steep slopes.

III. CHILDREN

Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine. **Never** assume that children will remain where you last saw them.

1. Keep children out of the operating area and in watchful care of an adult other than the operator.
2. Be alert and turn off the machine if children enter the area.
3. Before and while backing up, look behind and down for small children.
4. Never carry children. They may fall off and be seriously injured or interfere with safe machine operation.

5. Never allow children to operate the machine.
6. Use extra care when approaching blind corners, shrubs, trees or other objects that may obscure vision.

IV. SERVICE

1. Use extra care in handling gasoline and other fuels. They are flammable and vapors are explosive.
 - a. Use only an approved container.
 - b. Never remove gas cap or add fuel with the engine hot or running. Allow engine to cool at least two minutes before refueling. Wipe dry any spilled fuel. Do not Smoke.
 - c. Never refuel the machines indoors.
 - d. Never store the machine or fuel container inside where there is an open flame or spark, such as a water heater, space heater or similar appliance.
2. Never run a machine inside an enclosed area.
3. Check frequently and keep nuts and bolts tight and equipment in safe working condition.
4. Never tamper with safety devices. Check their proper operation regularly. Use all guards as instructed.
5. To reduce fire hazard, keep machine free of grass, leaves or other debris build-up. Clean up oil or fuel spillage. Allow machine to cool before storing.
6. Stop and inspect the equipment for damage if you strike an object. Repair, if necessary, before re-starting and operating the machine.
7. Never make adjustments or repairs with the engine running.
8. Check brake operation frequently. Adjust and service as required.
9. Muffler, engine, and belt guards become hot during operation and can cause a burn. Allow to cool down before touching.
10. Do not change the engine governor settings or overspeed the engine.
11. If the machine should begin to vibrate abnormally, stop engine and check immediately for the cause. Abnormal vibration is a warning of trouble.



Danger: This equipment was built to be operated according to the rules for safe operation in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. If you violate any of these rules, you may cause serious injury to yourself or others.

TO THE OWNER

The 42-inch Front Blade Attachment, Model Number 302, is designed for use on Cub Cadet Series 2000 Tractors. The blade may be used for moving snow, terracing or grading operations.

Please keep this manual. The instructions in this manual explain the minor assembly required; installation and seasonal removal; and the adjustment and operating procedures for the blade. Read this manual carefully to familiarize yourself with the equipment before you install and utilize the front blade.

Read and observe all WARNING and CAUTION statements. They are included to provide for the protection of the equipment installer and user, and to ensure prolonged service life of the equipment.



WARNING: To increase traction and stability of the tractor when using the front blade attachment, the rear weight bracket with a minimum of two suitcase weights should be installed on the tractor. The Rear Weight Bracket Kit is available as kit number 190-307-100, which includes **only** the bracket and mounting hardware. The individual 42 pound suitcase weights can be ordered under part number 759-3389.

NOTE: References to LEFT and RIGHT indicate the left and right sides of the tractor when facing forward in the driver's seat, unless specifically instructed to reference from a different position on the tractor. Reference to the FRONT indicates the grille end of the tractor; to the REAR indicates the draw bar end.



If you have difficulties with the attachment, have questions regarding the operation or maintenance of your equipment, or desire additional information not found in the manual, contact your dealer. If you need help locating a dealer in your area, contact the Customer Dealer Referral Line by calling:

1-877-282-8684

SECTION I. INTRODUCTION

This section will familiarize you with the components of the Model 190-302 — 42" Blade Attachment.

Select a firm and level surface that is large enough to accommodate both the Front Blade assembly and the tractor when installing the blade. Carefully remove the front blade assembly, sub components, and hardware pack from the shipping container. Refer to Figure 1 to confirm that all parts are present and to acquaint yourself with the part descriptions. Throughout the manual the parts shown in Figures 1 will be identified by name, followed by their callout number in parenthesis, to aid in assembly and installation.

NOTE: Some components may have been further pre-assembled at the factory

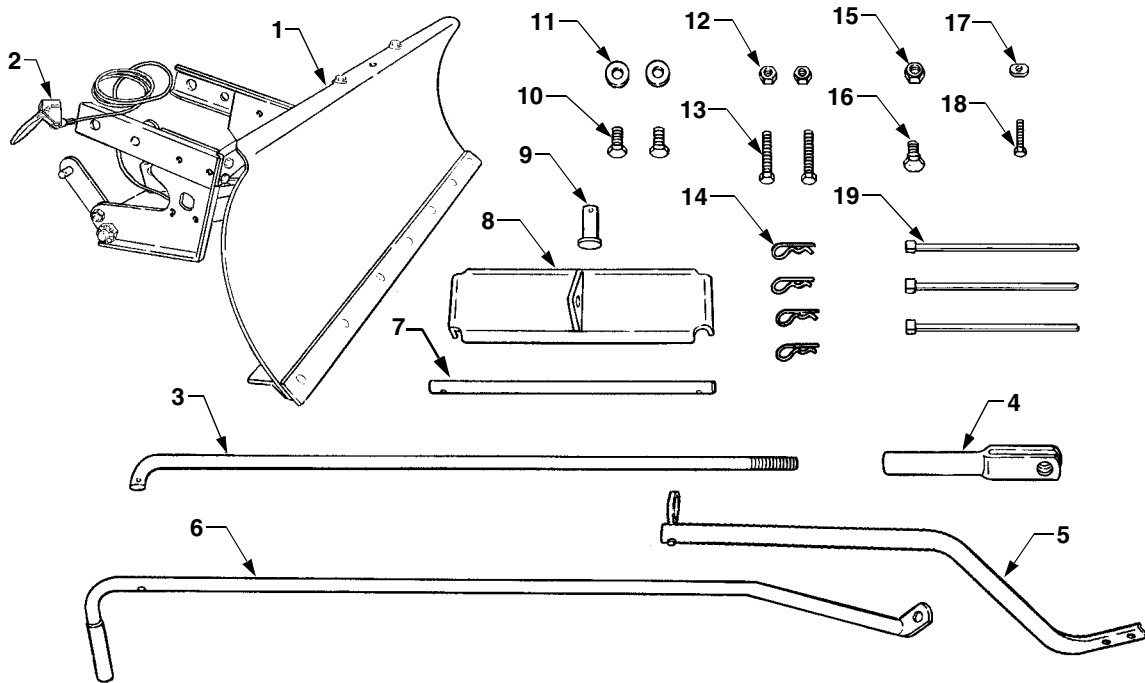


Figure 1

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	N/A	Blade Assembly, w/Pivot Cable attached	1
2	746-3059A	Pivot Cable Assembly	1
3	747-3240	Blade Lift Rod	1
4	10991	Adjustment Clevis	1
5	N/A	Handle Support Tube Assembly	1
6	N/A	Blade Pivot Handle Assembly	1
7	711-3401	Rod, .5 x 12.5 Lg.	1
8	603-0271	Lift Bracket	1
9	711-0654	Clevis Pin	1
10	710-0505	Hex Cap Screw, 7/16-14 x 1.0 GR5	2
11	736-0407	Belleville Washer, .45 x 1.0 x .062	2
12	712-3004A	Hex Flange Locknut, 5/16-18	2
13	710-3180	Hex Cap Screw, 5/16-18 x 1.75 GR5	2
14	714-0147	Internal Cotter Pin	4
15	712-0431	Hex Flange Locknut, 3/8-16	1
16	738-0234	Shoulder Screw, 1/2 x .29; 3/8-16	1
17	712-0127	Flat Nut, 10-24	1
18	710-1233	Oval Hd. Cntsk. Screw, 10-24 x 1.375	1
19	725-0157	Cable Tie	3

SECTION II. ASSEMBLY

A. TRACTOR PREPARATION.



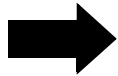
WARNING

Disengage the PTO, engage the brake lock, and stop the tractor engine before performing any preparation procedures. Place the tractor on a firm and level surface before beginning installation procedures.



WARNING

The exhaust system and surrounding areas are HOT. To avoid personal injury, allow the tractor to cool before beginning any blade installation procedures.



NOTE

Remove the mower deck and front lift rod assembly, or any other attachment from the tractor.

1. Remove the front bumper from the frame by removing the hex wash. tapp screw from each side (See Figure 2). Store the screws and bumper for later reassembly.

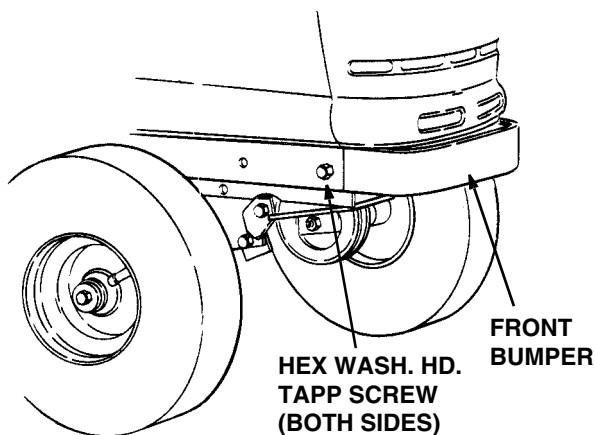


Figure 2

2. Place the tractor lift handle in the No. 2 height position
3. Install an internal cotter pin (14) in the hole at one end of the rod (7).



WARNING

When installing the lift bracket (8), the tractor lift links must be positioned **within** the slots at each side of the lift bracket, with the center lift rod tab of the bracket positioned as shown in Figure 3.

4. Install the lift bracket (8) onto the tractor lift links, align the holes, and insert the rod (7) through the lift bracket and lift links. Install an internal cotter pin (14) in the other end of the rod (See Figure 3).

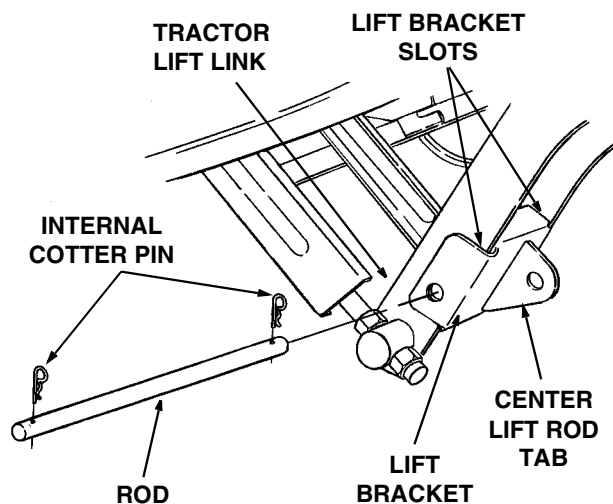


Figure 3

- ### B. BLADE ASSEMBLY PREPARATION.
- Some front blade components may have been further pre-assembled at the factory. If so, skip those steps which have already been completed.*



WARNING

Although the blade assembly has been partially assembled at the factory, the pivot latch components and the contact surfaces between the pivot plate and A-frame should be checked for proper lubrication. If necessary, apply a liberal amount of a good grade grease to the contact surfaces and apply spray lube to the latch components.

1. Assemble the handle support tube (5) to the LH blade hitch assembly using the hex cap screws (13) and hex lock nuts (12). See Figure 4.

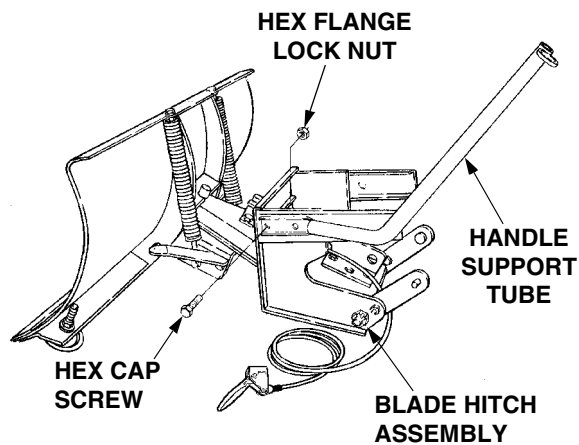


Figure 4

2. Slide the blade pivot handle (6) through the eyelet of the handle support tube (5). Attach to the blade angle arm of the pivot plate with the shoulder bolt (16) and flanged lock nut (15). See Figure 5.

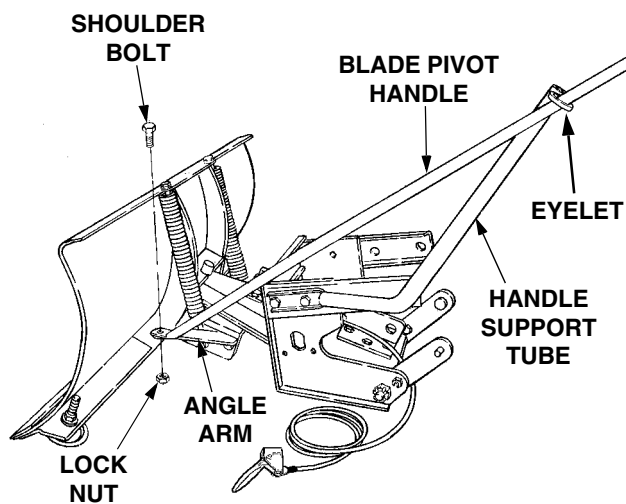


Figure 5



CAUTION

Route the cable as shown in Figure 6. Make certain the cable has a smooth, even bend and will not be kinked or pinched.

3. Route the pivot release cable along the upper surface of the blade pivot handle to the top of the handle (See Figure 6).

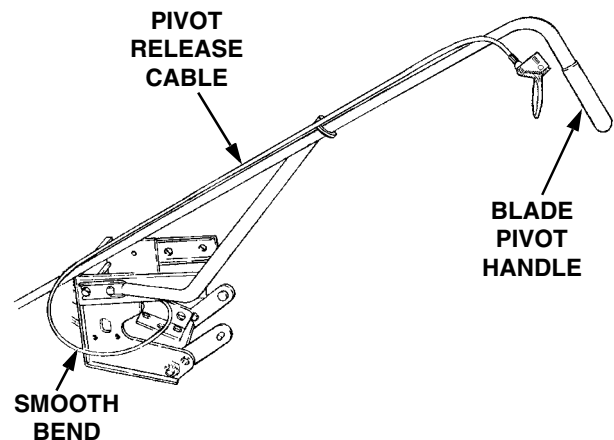


Figure 6

4. Slide the flat weld nut (17) into the release cable trigger housing. See Figure 7.

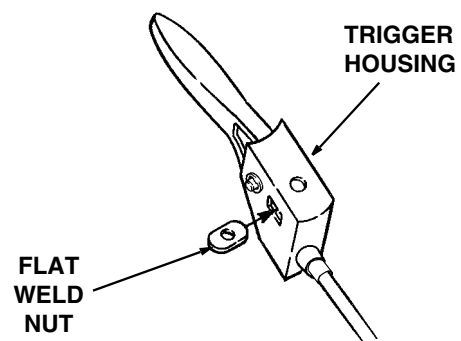


Figure 7

5. While holding the flat weld nut (17) in position, place the cable trigger housing under the blade pivot handle (6) and fasten with the oval hd. cntsk. screw (18). See Figure 8.

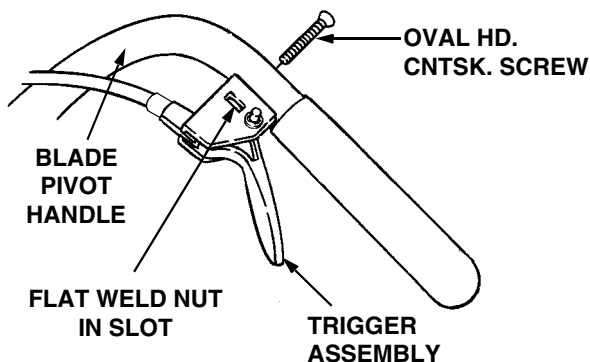


Figure 8

NOTE

When installing the center cable tie, make certain it is positioned far enough from the support tube eyelet to prevent the cable from binding on the eyelet when the blade pivot handle is moved to either of the angled positions.

6. Secure the blade release cable to the pivot handle with the three tie straps (19) as shown in Figure 9. Cut excess from tie strap ends.

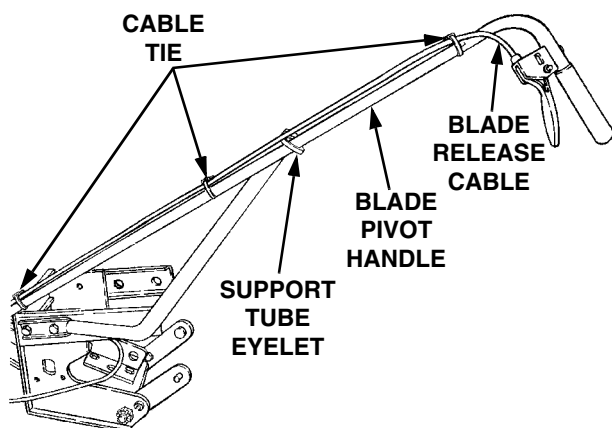


Figure 9

7. If not already done, screw the adjustment clevis (4) onto the threaded end of the lift rod (3).

NOTE

When attaching the lift rod assembly to the blade's A-frame assembly, the rod must be inserted from left to right as shown in Figure 10.

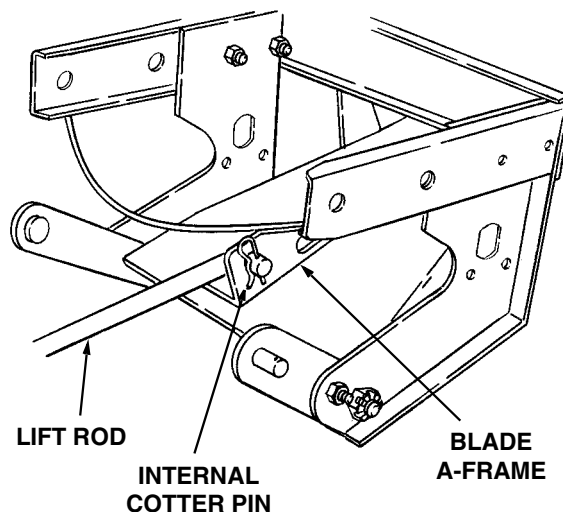


Figure 10

8. Install the lift rod (3) in the front lift bracket of the A-frame assembly and secure with an internal cotter pin (14). See Figure 10.
9. Loosen, BUT DO NOT REMOVE, the four screws that fasten the front support plate to the LH and RH hitch plates. See Figure 11.

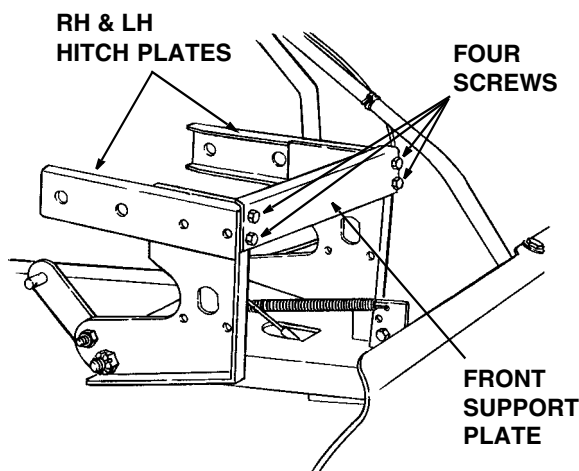


Figure 11

SECTION III. INSTALLATION

A. BLADE INSTALLATION.



WARNING

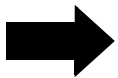
Place the tractor and front blade on a firm and level surface. Disengage the PTO, engage the brake lock, stop the tractor engine and remove the key from the switch before beginning installation procedures.



WARNING

The exhaust system and surrounding areas are HOT. To avoid personal injury, allow the tractor to cool before beginning any blade installation procedures.

1. Position the blade assembly directly in front of the tractor with the LH and RH hitch plate channel brackets aligned with the channels of the tractor frame.



NOTE

To ease insertion into the tractor frame channels, apply a light coating of grease to the channel brackets of the blade hitch assembly.

2. Pushing evenly on both sides as indicated in Figure 12, slide the blade hitch assembly into the tractor frame channels.



NOTE

The blade hitch assembly is fully inserted when the pins of the hitch assembly mounting arms are locked in the quick attach latch on each side of the tractor frame. See Figure 12.

3. Using one hex cap screw (10) and belleville washer (11) per side, secure the blade hitch assembly to the tractor frame channels as shown in Figure 12.
4. Tighten the four screws in the front support plate which were loosened during the blade preparation procedures.

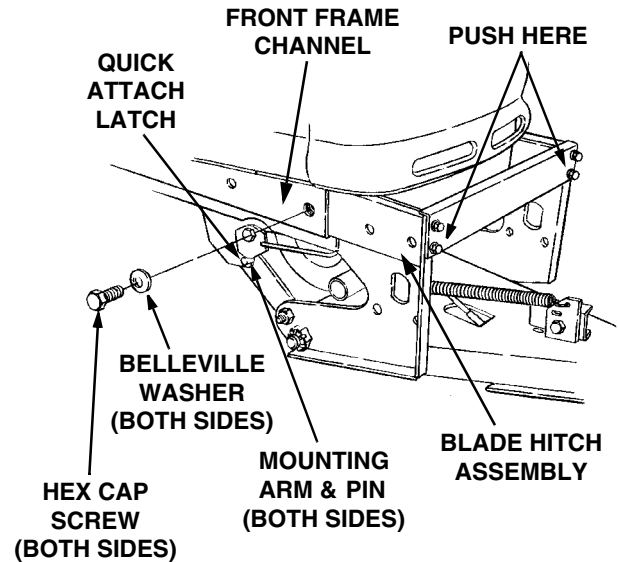


Figure 12



NOTE

Make certain the tractor's implement lift handle is in the No. 2 height position.

5. Turn the adjustment clevis on the lift rod to align with the hole in the lift bracket tab, then insert the clevis pin (9) and secure with an internal cotter pin (14). See Figure 13.

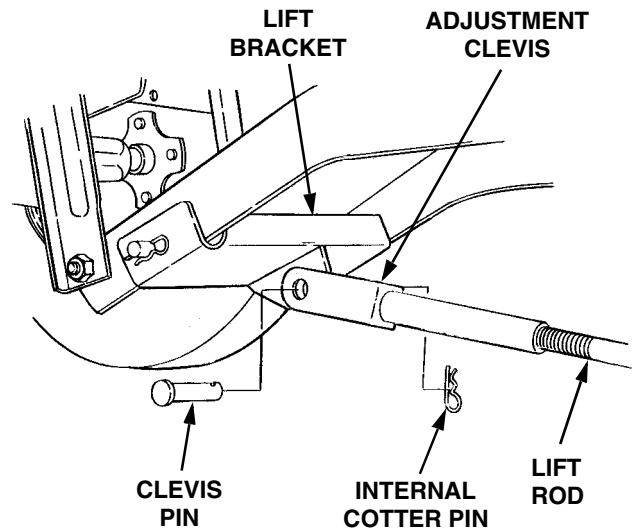


Figure 13

SECTION IV. REMOVAL AND ATTACHMENT

A. BLADE REMOVAL

NOTE

These removal and attachment instructions apply to a blade assembly which has been originally assembled and installed according to Sections II and III of this manual.

1. Drive the tractor with blade to the storage location.

WARNING

Disengage the PTO, engage the brake lock, stop the tractor engine and remove the key from the switch before beginning removal procedures.

WARNING

The exhaust system and surrounding areas are HOT. To avoid personal injury, allow the tractor to cool before beginning any blade removal procedures.

2. Place the implement lift handle in No. 2 position.
3. Remove the adjustment clevis (4) from the lift bracket by removing the internal cotter pin (14) and clevis pin (9). See Figure 14.

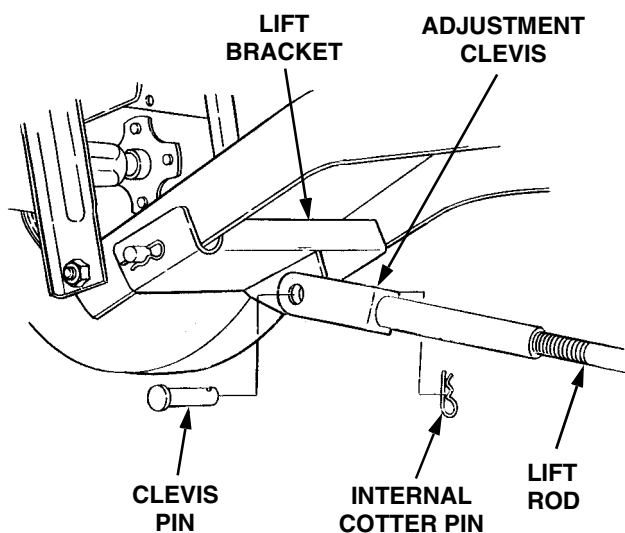


Figure 14

4. Remove the lift bracket (8) by removing one internal cotter pin (14) and sliding the rod (7) out of the implement lift links. See Figure 15.

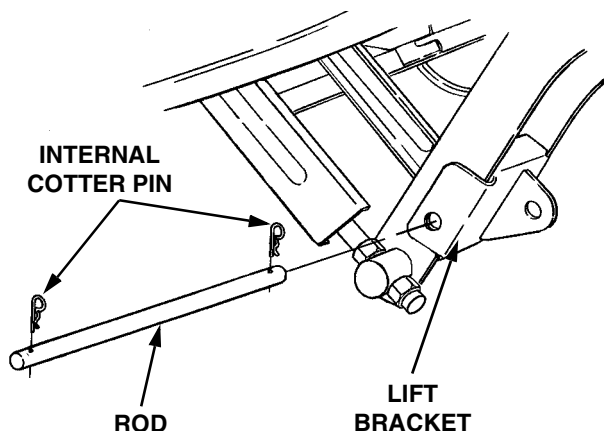


Figure 15

5. Remove the hex screws (10) and bell washers (11) fastening the blade hitch assembly to the tractor frame channels. See Figure 16

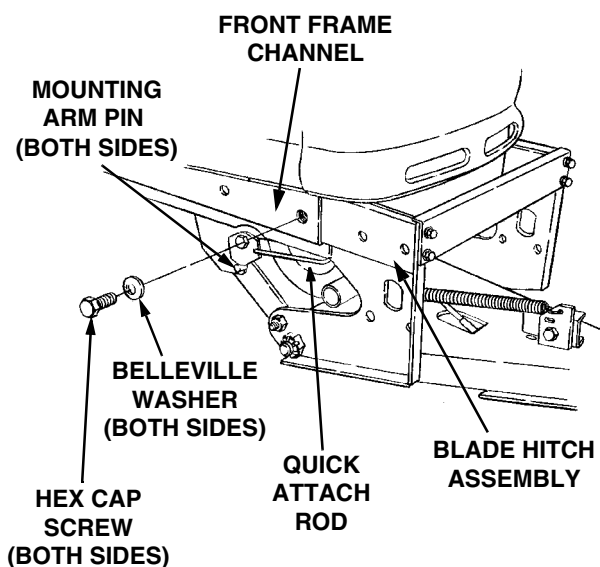


Figure 16

NOTE

Store all components and hardware removed with the blade assembly for later reattachment.

6. Push downward and hold the quick attach rod to release the mounting arm pins and slide the blade hitch assembly from the frame channel. Refer to Figure 16.

B. BLADE REATTACHMENT



WARNING

Place the tractor and front blade on a firm and level surface. Disengage the PTO, engage the brake lock, stop the tractor engine and remove the key from the switch before beginning installation procedures.



WARNING

The exhaust system and surrounding areas are HOT. To avoid personal injury, allow the tractor to cool before beginning any blade installation procedures.

1. Position the blade assembly directly in front of the tractor with the LH and RH hitch plate channel brackets aligned with the channels of the tractor frame.



NOTE

To ease insertion into the tractor frame channels, apply a light coating of grease to the channel brackets of the blade hitch assembly.

2. Slide the blade hitch assembly into the tractor frame channels. Refer to Figure 12.
3. Secure the blade hitch assembly to the tractor frame channels using the hex cap screws (10) and belleville washers (11). Refer to Figure 12.



NOTE

The tractor's implement lift handle must be placed in the No. 2 height position.



CAUTION

When installing the lift bracket (8), the tractor lift links must be positioned **within** the slots at each side of the lift bracket, with the center lift rod tab of the bracket positioned as shown in Figure 3.

4. Fasten the lift bracket (8) onto the implement lift links by sliding the rod (7) through the bracket and links, and secure with the internal cotter pin (14). Refer to Figure 3.
5. Attach the adjustment clevis (4) to the lift bracket (8) by aligning the holes and inserting the clevis pin (9). Secure with the internal cotter pin (14). Refer to Figure 13.

SECTION V. ADJUSTMENT AND OPERATION

A. ADJUSTMENTS

1. Blade angling. Refer to Figure 17 and proceed as follows:

NOTE

The blade has 3 operating positions: 30° to the right, straight, and 30° to the left.

- a. Blade angling is achieved by first squeezing the trigger assembly on the blade pivot handle.
- b. While the trigger is being squeezed, push or pull the blade pivot handle to angle the blade 30° to the right, 30° to the left, or straight ahead.

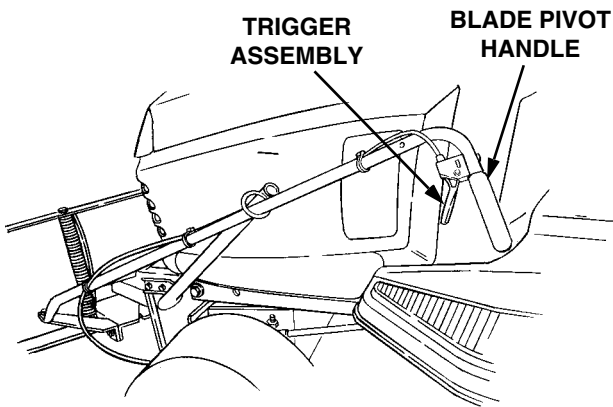


Figure 17



CAUTION

It is important that the blade is locked into position. After releasing the trigger, push or pull the blade pivot handle to be certain the blade is locked into one of the three positions.

2. Skid shoe adjustment.

NOTE

Adjust the skid shoes so the blade cutting edge just clears the pavement when being used for snow removal.

Adjust the skid shoes (See Figure 18) to the appropriate position for the job being performed as follows:

- Loosen the hex nuts on each shoe.
 - Turn the skid shoes to the desired position.
 - Tighten the hex nuts.
3. If the wear bar (See Figure 18) becomes worn, reverse or replace the bar as follows:
 - Remove the seven carriage bolts, lock washers, and hex nuts fastening the wear bar to the blade.
 - Reverse or replace the wear bar and attach with the carriage bolts, lock washers and hex nuts.
 4. Maintain the proper trip spring tension (See Figure 18) as follows:
 - There should be a 1/4 inch gap between the top of the spring and the upper lip of the blade.
 - Tighten or loosen the hex cap screws on top of the blade to obtain the proper gap.

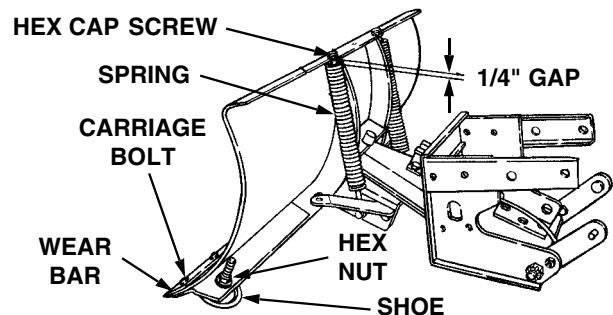


Figure 18

B. OPERATION

NOTE

The blade is designed for clearing snow, leveling soft dirt or sand and other light duty dozer jobs. The spring trip release protects the blade, tractor and operator from severe shock loads when the blade comes in contact with curbs and other obstacles. The blade has a reversible and replaceable cutting edge.

WARNING

Before operating the tractor, familiarize yourself with the **SAFE OPERATION PRACTICES FOR RIDING VEHICLES** starting on page 2.

WARNING

Operate the tractor at a slow ground speed until familiar with the operation of the blade.

CAUTION

Never operate the tractor at high speeds. A collision with a hidden obstacle may damage the blade cutting edge and unseat the driver.

1. Pushing snow. Adjust the shoes so the blade cutting edge just clears the pavement. In large

open flat areas, the tractor can be operated at medium speed.

2. Light grading. For light grading and spreading soil, sand, gravel, etc., adjust the shoes so they are even with the cutting edge. Control the blade position with the tractor implement lift. Operate the tractor at slow or medium speed.
3. Heavy grading. For heavy grading of soil, sand, gravel, etc., adjust the shoes so they are slightly above the cutting edge. Control the blade position with the tractor implement lift. Operate the tractor at slow speed.
4. Terracing. For terracing, adjust the shoes so they are approximately 1/4 inch or more above the cutting edge, depending on the rate of blade penetration desired. Angle the blade away from the trench cut by the blade. Control the blade depth with the tractor implement lift. Operate the tractor at slow speed.

Once the desired angle of the terrace is achieved, level the blade and continue grading until the desired terrace depth or width is obtained.

CAUTION

To avoid an accident or injury, do not allow adults to operate the blade without proper instruction. Never allow children to operate.

5. Lubrication. Periodically lubricate the pivot points between the A-frame and pivot plate with a good grade of grease. Periodically spray lube the pivot latch components.

SECTION VI. ADDITIONAL ACCESSORY REQUIREMENTS

A. WEIGHT KIT

This section describes the proper configuration of the required weight kit, Model 307.



WARNING

The weight kit, Model 307, must be installed on the rear of the tractor whenever the blade assembly is installed on the front of the tractor. In addition, the weight kit must be used with the proper weights.

1. At all times that the blade is installed on the front of the tractor, the weight kit must be installed on

the rear of the tractor. The weight kit counterbalances the weight of the blade and provides stability to the tractor.

2. Depending upon the prevailing conditions, a minimum of two suitcase weights and a maximum of four weights must be used with the weight kit.
3. Refer to the weight kit Owner's Manual for detailed instructions pertaining to the proper installation of the weight kit onto the rear of the tractor.

B. TIRE CHAINS

Tire chains are recommended when using the 42 inch Spring Trip Blade. Tire chains are available at your authorized Cub Cadet Dealer.

MANUFACTURER'S LIMITED WARRANTY FOR:



The limited warranty set forth below is given by Cub Cadet LLC with respect to new merchandise purchased and used in the United States, its possessions and territories.

Cub Cadet LLC warrants this product against defects for a period of two (2) years commencing on the date of original purchase and will, at its option, repair or replace, free of charge, any part found to be defective in materials or workmanship. This limited warranty shall only apply if this product has been operated and maintained in accordance with the Operator's Manual furnished with the product, and has not been subject to misuse, abuse, commercial use, neglect, accident, improper maintenance, alteration, vandalism, theft, fire, water, or damage because of other peril or natural disaster. Damage resulting from the installation or use of any accessory or attachment not approved by Cub Cadet LLC for use with the product(s) covered by this manual will void your warranty as to any resulting damage.

Normal wear parts or components thereof are subject to separate terms as follows: All normal wear parts or component failures will be covered on the product for a period of 90 days regardless of cause. After 90 days, but within the two year period, normal wear part failures will be covered ONLY IF caused by defects in materials or workmanship of OTHER component parts. Normal wear parts and components include, but are not limited to: batteries, belts, blades, blade adapters, grass bags, rider deck wheels, seats, snow thrower skid shoes, shave plates, auger spiral rubber, and tires.

HOW TO OBTAIN SERVICE: Warranty service is available, WITH PROOF OF PURCHASE, through your local authorized service dealer. To locate the dealer in your area, check your Yellow Pages, or contact Cub Cadet LLC at P.O. Box 361131, Cleveland, Ohio 44136-0019, or call 1-877-282-8684, or log on to our Web site at www.cubcadet.com.

This limited warranty does not provide coverage in the following cases:

- a. The engine or component parts thereof. These items carry a separate manufacturer's warranty. Refer to applicable manufacturer's warranty for terms and conditions.
- b. Log splitter pumps, valves, and cylinders have a separate one year warranty.
- c. Routine maintenance items such as lubricants, filters, blade sharpening, tune-ups, brake adjustments, clutch adjustments, deck adjustments, and normal deterioration of the exterior finish due to use or exposure.

- d. Cub Cadet LLC does not extend any warranty for products sold or exported outside of the United States, its possessions and territories, except those sold through Cub Cadet LLC's authorized channels of export distribution.
- e. Parts that are not genuine Cub Cadet parts are not covered by this warranty.
- f. Service completed by someone other than an authorized service dealer is not covered by this warranty.
- g. Transportation charges and service calls are not covered.

No implied warranty, including any implied warranty of merchantability of fitness for a particular purpose, applies after the applicable period of express written warranty above as to the parts as identified. No other express warranty, whether written or oral, except as mentioned above, given by any person or entity, including a dealer or retailer, with respect to any product, shall bind Cub Cadet LLC. During the period of the warranty, the exclusive remedy is repair or replacement of the product as set forth above.

The provisions as set forth in this warranty provide the sole and exclusive remedy arising from the sale. Cub Cadet LLC shall not be liable for incidental or consequential loss or damage including, without limitation, expenses incurred for substitute or replacement lawn care services or for rental expenses to temporarily replace a warranted product.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

In no event shall recovery of any kind be greater than the amount of the purchase price of the product sold. **Alteration of safety features of the product shall void this warranty.** You assume the risk and liability for loss, damage, or injury to you and your property and/or to others and their property arising out of the misuse or inability to use the product.

This limited warranty shall not extend to anyone other than the original purchaser or to the person for whom it was purchased as a gift.

HOW STATE LAW RELATES TO THIS WARRANTY: This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Cub Cadet LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019; Phone: 1-877-282-8684